

Claims

- [c1] A method for retrieving program data in a terrestrial broadcast system comprising:
filtering program data via a first tuner while a second tuner receives audio or video information of a channel from a transport stream;
parsing the program data for channel information; and
storing the channel information in a database.
- [c2] The method according to claim 1 wherein the program data is provided by a protocol.
- [c3] The method according to claim 2 wherein the protocol is a program and system information protocol (PSIP).
- [c4] The method according to claim 3 wherein the PSIP includes one of system time table, master guide table, virtual channel table, rating region table, event information table, extended table, directed channel change table and directed channel change selection code table.
- [c5] The method according to claim 3 wherein at least one table includes program data information.
- [c6] The method of claim 1 further comprising coding and

modulating the transport stream.

- [c7] The method of claim 6 further comprising transmitting the transport stream via a channel.
- [c8] The method according to claim 3 wherein the program data is provided for browsing or event selection.
- [c9] The method according to claim 1 further comprising identifying a channel of the digital television station from the transport stream.
- [c10] The method according to claim 3 further comprising tuning to the channel by a receiver.
- [c11] A machine-accessible medium including data that, when accessed by a machine, causes the machine to perform operations comprising:
filtering program data via a first tuner while a second tuner receives audio or video information of a channel from a transport stream;
parsing the program data for channel information; and
storing the channel information in a database.
- [c12] The machine-accessible medium according to claim 11 wherein the program data is provided by a protocol.
- [c13] The machine-accessible medium according to claim 12 wherein the protocol is a program and system informa-

tion protocol (PSIP).

- [c14] The machine-accessible medium according to claim 13 wherein the PSIP includes one of system time table, master guide table, virtual channel table, rating region table, event information table, extended table; directed channel change table and directed channel change selection code table.
- [c15] The machine-accessible medium according to claim 13 wherein at least one table includes program data information.
- [c16] The machine-accessible medium of claim 11 further comprising coding and modulating the transport stream.
- [c17] The machine-accessible medium of claim 16 further comprising transmitting the transport stream via a channel.
- [c18] The machine-accessible medium according to claim 13 wherein the program data is provided for browsing or event selection.
- [c19] The machine-accessible medium according to claim 11 further comprising identifying a channel of the digital television station from the transport stream.
- [c20] The machine-accessible medium according to claim 23

further comprising tuning to the channel by a receiver.

- [c21] A system comprising:
 - a processor; and
 - a memory coupled to the processor, the memory containing program code that, when executed by the processor, causes the processor to:
 - filter program data via a first tuner while a second tuner receives audio or video information of a channel from a transport stream;
 - parse the program data for channel information; and
 - store the channel information in a database.
- [c22] The system according to claim 21 wherein the program data is provided by a protocol.
- [c23] The system according to claim 22 wherein the protocol is a program and system information protocol (PSIP).
- [c24] The system according to claim 23 wherein the PSIP includes one of system time table, master guide table, virtual channel table, rating region table, event information table, extended table, directed channel change table and directed channel change selection code table.
- [c25] The system according to claim 23 wherein at least one table includes program data information.

- [c26] The system according to claim 21 further comprising coding and modulating the transport stream.
- [c27] The system according to claim 26 further comprising transmitting the transport stream via a channel.
- [c28] The system according to claim 23 wherein the program data is provided for browsing or event selection.
- [c29] The system article according to claim 21 further comprising identifying a channel of the digital television station from the transport stream.
- [c30] The system according to claim 23 further comprising tuning to the channel by a receiver.